

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
IRRIGATION LAND LEVELING
(acre)
CODE 464

SCOPE

This specification covers leveling of irrigation land. Construction shall comply with the construction plans and these specifications.

Site Preparation. The land to be leveled shall be cleared of brush, crop residue, trash, and vegetative material that can materially reduce the effectiveness of leveling operations.

Borrow Location. Soil for leveling operations shall be obtained from the designated cut areas in the field or from other designated borrow areas as specified in the plan.

Leveling Operations. The land shall be leveled to the designed grade or grades. Fills of more than 6 inches (152 mm) shall be built up by spreading the soil in successive layers. Leveling operations shall not be performed under soil moisture conditions that will, result in excessive damage to soil structure which could result in poor crop growth or detrimental settlement.

After cuts and fills are completed, the surface shall be smoothed to remove minor irregularities.

Finished Grade. All leveling work shall be finished according to the design and to the tolerances specified. The completed job shall be workmanlike and present a good appearance.

CONSTRUCTION OPERATIONS

Construction operations shall be carried out in such a manner that erosion and air and water pollution are minimized and held within legal limits.

SAFETY

Landowners or operators, sponsoring organizations, and contractors are liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or nonexistence of any utilities. Absence of utilities on plan drawings is not assurance that no utilities are present at the site.

It is the responsibility of the landowner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.